

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A method for treating hyperpigmentation, ~~or other unwanted pigmentation associated with production of~~ inhibiting the production of melanin in a human comprising topically administering to the skin of a subject in need of treatment a composition comprising ~~one or more siRNA oligomers specific for said human, a composition comprising a~~ double-stranded small interfering RNA (siRNA) oligomer having a sequence complementary to a sequence found in mouse and native human tyrosinase mRNA; said siRNA oligomer comprising two strands, each of said strands having between 15 and 21 nucleotides, including two thymidine nucleotide 3' overhangs, said composition comprising ~~in an amount of said siRNA oligomer effective to ameliorate, reduce([,]) and/or eliminate the hyperpigmentation, or~~ either unwanted pigmentation associated with production of melanin.

2 (currently amended) The method according to claim 1, wherein ~~the composition is a topical composition~~ said skin suffers from hyperpigmentation.

3. (currently amended) The method according to claim 2, wherein said composition is applied to skin for a period of time effective to ameliorate, reduce, and/or eliminate said hyperpigmentation([,]) ~~or other unwanted pigmentation, or other unwanted skin condition associated with production of melanin.~~

4. (currently amended) The method according to claim 1, wherein the siRNA oligomer has the sequence is:

- (a) 5'-UAGGACCUGCCAGUGCUCUR-3' (SEQ ID NO: 1)([,])
3'-UAUCCUGGACGGUCACGAGA-5' (SEQ ID NO: 2)

or: